

Efstathios Karathanasis

List of Publications by Year in descending order

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Version: 2024-02-01

46
papers

2,530
citations

236925

25
h-index

233421

45
g-index

47
all docs

47
docs citations

47
times ranked

4006
citing authors

#	ARTICLE	IF	CITATIONS
1	Comparison of the uptake of untargeted and targeted immunostimulatory nanoparticles by immune cells in the microenvironment of metastatic breast cancer. <i>Journal of Materials Chemistry B</i> , 2022, 10, 224-235.	5.8	9
2	Dual agonist immunostimulatory nanoparticles combine with PD1 blockade for curative neoadjuvant immunotherapy of aggressive cancers. <i>Nanoscale</i> , 2022, 14, 1144-1159.	5.6	11
3	High-Resolution CT Vascular Imaging Using Blood Pool Contrast Agents. <i>Methodist DeBaakey Cardiovascular Journal</i> , 2021, 8, 18.	1.0	21
4	Stimuli-Responsive Iron Oxide Nanotheranostics: A Versatile and Powerful Approach for Cancer Therapy. <i>Advanced Healthcare Materials</i> , 2021, 10, e2001044.	7.6	27
5	Immunostimulatory nanoparticle incorporating two immune agonists for the treatment of pancreatic tumors. <i>Journal of Controlled Release</i> , 2021, 330, 1095-1105.	9.9	34
6	Hyperthermia-mediated changes in the tumor immune microenvironment using iron oxide nanoparticles. <i>Nanoscale Advances</i> , 2021, 3, 5890-5899.	4.6	5
7	The effect of PEGylation on the efficacy and uptake of an immunostimulatory nanoparticle in the tumor immune microenvironment. <i>Nanoscale Advances</i> , 2021, 3, 4961-4972.	4.6	15
8	Immunostimulatory silica nanoparticle boosts innate immunity in brain tumors. <i>Nanoscale Horizons</i> , 2021, 6, 156-167.	8.0	29
9	Chronic neural activity recorded within breast tumors. <i>Scientific Reports</i> , 2020, 10, 14824.	3.3	32
10	PTPmu-targeted nanoparticles label invasive pediatric and adult glioblastoma. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2020, 28, 102216.	3.3	10
11	Effective treatment of cancer metastasis using a dual-ligand nanoparticle. <i>PLoS ONE</i> , 2019, 14, e0220474.	2.5	21
12	Treatment of Glioblastoma Using Multicomponent Silica Nanoparticles. <i>Advanced Therapeutics</i> , 2019, 2, 1900118.	3.2	23
13	Effect of Dose and Selection of Two Different Ligands on the Deposition and Antitumor Efficacy of Targeted Nanoparticles in Brain Tumors. <i>Molecular Pharmaceutics</i> , 2019, 16, 4352-4360.	4.6	7
14	Nanoparticle Encapsulation of Synergistic Immune Agonists Enables Systemic Codelivery to Tumor Sites and IFN γ -Driven Antitumor Immunity. <i>Cancer Research</i> , 2019, 79, 5394-5406.	0.9	55
15	Delivery of drugs into brain tumors using multicomponent silica nanoparticles. <i>Nanoscale</i> , 2019, 11, 11910-11921.	5.6	41
16	Precise targeting of cancer metastasis using multi-ligand nanoparticles incorporating four different ligands. <i>Nanoscale</i> , 2018, 10, 6861-6871.	5.6	40
17	Imaging breast cancer using a dual-ligand nanochain particle. <i>PLoS ONE</i> , 2018, 13, e0204296.	2.5	16
18	One-pot synthesis of nanochain particles for targeting brain tumors. <i>Nanoscale</i> , 2017, 9, 9659-9667.	5.6	19

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19	Vascular targeting of nanoparticles for molecular imaging of diseased endothelium. <i>Advanced Drug Delivery Reviews</i> , 2017, 113, 141-156.	13.7	64
20	Crossing the barrier: treatment of brain tumors using nanochain particles. <i>Wiley Interdisciplinary Reviews: Nanomedicine and Nanobiotechnology</i> , 2016, 8, 678-695.	6.1	25
21	Paramagnetic Nanoparticles. <i>Methods in Pharmacology and Toxicology</i> , 2016, , 113-136.	0.2	7
22	Vascular Targeting of a Gold Nanoparticle to Breast Cancer Metastasis. <i>Journal of Pharmaceutical Sciences</i> , 2015, 104, 2600-2610.	3.3	46
23	Treatment of Invasive Brain Tumors Using a Chain-like Nanoparticle. <i>Cancer Research</i> , 2015, 75, 1356-1365.	0.9	63
24	Spatiotemporal Targeting of a Dual-Ligand Nanoparticle to Cancer Metastasis. <i>ACS Nano</i> , 2015, 9, 8012-8021.	14.6	107
25	On-Command Drug Release from Nanochains Inhibits Growth of Breast Tumors. <i>Pharmaceutical Research</i> , 2014, 31, 1460-1468.	3.5	13
26	Shaping cancer nanomedicine: the effect of particle shape on the <i>in vivo</i> journey of nanoparticles. <i>Nanomedicine</i> , 2014, 9, 121-134.	3.3	493
27	Targeted nanotechnology for cancer imaging. <i>Advanced Drug Delivery Reviews</i> , 2014, 76, 79-97.	13.7	160
28	Treatment of cancer micrometastasis using a multicomponent chain-like nanoparticle. <i>Journal of Controlled Release</i> , 2014, 173, 51-58.	9.9	46
29	Triggered chemotherapeutic drug release from multi-component nanochains mediated by a local magnetic field. , 2013, , .		0
30	Multimodal In Vivo Imaging Exposes the Voyage of Nanoparticles in Tumor Microcirculation. <i>ACS Nano</i> , 2013, 7, 3118-3129.	14.6	59
31	Imaging Metastasis Using an Integrin-Targeting Chain-Shaped Nanoparticle. <i>ACS Nano</i> , 2012, 6, 8783-8795.	14.6	128
32	Enhanced Delivery of Chemotherapy to Tumors Using a Multicomponent Nanochain with Radio-Frequency-Tunable Drug Release. <i>ACS Nano</i> , 2012, 6, 4157-4168.	14.6	155
33	The effects of particle size, density and shape on margination of nanoparticles in microcirculation. <i>Nanotechnology</i> , 2011, 22, 115101.	2.6	204
34	Assembly of Linear Nano-Chains from Iron Oxide Nanospheres with Asymmetric Surface Chemistry. <i>PLoS ONE</i> , 2011, 6, e15927.	2.5	39
35	Is nanomedicine still promising?. <i>Oncotarget</i> , 2011, 2, 430-432.	1.8	4
36	Imaging Nanoprobe for Prediction of Outcome of Nanoparticle Chemotherapy by Using Mammography. <i>Radiology</i> , 2009, 250, 398-406.	7.3	96

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37	Selective Targeting of Nanocarriers to Neutrophils and Monocytes. <i>Annals of Biomedical Engineering</i> , 2009, 37, 1984-1992.	2.5	27
38	Masking and triggered unmasking of targeting ligands on nanocarriers to improve drug delivery to brain tumors. <i>Biomaterials</i> , 2009, 30, 3986-3995.	11.4	122
39	Tumor Vascular Permeability to a Nanoprobe Correlates to Tumor-Specific Expression Levels of Angiogenic Markers. <i>PLoS ONE</i> , 2009, 4, e5843.	2.5	64
40	Multifunctional nanocarriers for mammographic quantification of tumor dosing and prognosis of breast cancer therapy. <i>Biomaterials</i> , 2008, 29, 4815-4822.	11.4	58
41	MRI mediated, non-invasive tracking of intratumoral distribution of nanocarriers in rat glioma. <i>Nanotechnology</i> , 2008, 19, 315101.	2.6	18
42	Triggered release of ciprofloxacin from nanostructured agglomerated vesicles. <i>International Journal of Nanomedicine</i> , 2007, 2, 407-18.	6.7	5
43	Glucose-sensing pulmonary delivery of human insulin to the systemic circulation of rats. <i>International Journal of Nanomedicine</i> , 2007, 2, 501-13.	6.7	5
44	Triggered release of inhaled insulin from the agglomerated vesicles: Pharmacodynamic studies in rats. <i>Journal of Controlled Release</i> , 2006, 113, 117-127.	9.9	17
45	Preparation of in vivo cleavable agglomerated liposomes suitable for modulated pulmonary drug delivery. <i>Journal of Controlled Release</i> , 2005, 103, 159-175.	9.9	51
46	Agglomerated vesicle technology: a new class of particles for controlled and modulated pulmonary drug delivery. <i>Journal of Controlled Release</i> , 2003, 93, 15-28.	9.9	39